Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012921\
Data File : VW018004.D
Acq On : 29 Jan 2021 16:32
Operator : SY/VA
Sample : VSTDICV025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 29 17:30:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 29 16:24:54 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	359181	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	329604	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	177859	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	107670	24.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.48%			
7) Chloroethane-d5	2.891	69	85697	24.19	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.76%			
10) 1,1-Dichloroethene-d2	4.031	63	221161	24.78	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 99.12%			
20) 2-Butanone-d5	7.074	46	63178	53.04	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.08%			
24) Chloroform-d	7.647	84	232278	24.64	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.56%			
26) 1,2-Dichloroethane-d4	8.305	65	126073	25.11	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.44%			
29) Benzene-d6	8.275	84	449045	24.81	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.24%			
33) 1,2-Dichloropropane-d6	9.274	67	124201	24.54	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.16%			
37) Toluene-d8	10.323	98	426173	24.75	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.00%			
38) trans-1,3-Dichloroprop...	10.579	79	60224	26.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 105.00%			
39) 2-Hexanone-d5	10.927	63	53763	55.55	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.10%			
48) 1,1,2,2-Tetrachloroeth...	12.688	84	117589	26.45	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 105.80%			
61) 1,2-Dichlorobenzene-d4	13.853	152	161372	25.43	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.72%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	128711	26.48	ug/L	98
3) Chloromethane	2.215	50	96600	26.99	ug/L	100
5) Vinyl chloride	2.367	62	132996	26.94	ug/L	100
6) Bromomethane	2.782	94	92118	26.24	ug/L	100
8) Chloroethane	2.928	64	78429	26.59	ug/L	99
9) Trichlorofluoromethane	3.257	101	94932	26.59	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.074	101	135037	26.47	ug/L #	67
12) 1,1-Dichloroethene	4.044	96	128151	26.70	ug/L	95
13) Acetone	4.117	43	44614	50.62	ug/L	93
14) Carbon disulfide	4.391	76	378550	27.08	ug/L	100
15) Methyl Acetate	4.672	43	54804	28.03	ug/L	97
16) Methylene chloride	4.915	84	126519	21.98	ug/L	94
17) Methyl tert-butyl Ether	5.428	73	147092	27.30	ug/L	98
18) trans-1,2-Dichloroethene	5.428	96	135728	26.46	ug/L	96
19) 1,1-Dichloroethane	6.214	63	215034	25.98	ug/L	99
21) 2-Butanone	7.171	43	73644	54.89	ug/L	96
22) cis-1,2-Dichloroethene	7.165	96	140259	26.37	ug/L	97
23) Bromochloromethane	7.513	128	66481	26.00	ug/L	96
25) Chloroform	7.671	83	234085	25.91	ug/L	99

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Quant Title : VOC Analysis
QLast Update : Fri Jan 29 16:24:54 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	155245	26.48	ug/L	100
30) Cyclohexane	7.958	56	204351	27.11	ug/L	95
31) 1,1,1-Trichloroethane	7.872	97	195854	26.80	ug/L	99
32) Carbon tetrachloride	8.067	117	187212	26.45	ug/L	96
34) Benzene	8.323	78	504367	26.18	ug/L	100
35) Trichloroethene	9.091	95	141370	26.04	ug/L	98
36) Methylcyclohexane	9.335	83	244155	26.75	ug/L	97
40) 1,2-Dichloropropane	9.366	63	117538	26.59	ug/L	100
41) Bromodichloromethane	9.640	83	166688	26.33	ug/L	98
42) cis-1,3-Dichloropropene	10.073	75	193423	27.15	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	154984	56.38	ug/L	94
44) Toluene	10.390	91	561044	26.46	ug/L	99
45) trans-1,3-Dichloropropene	10.603	75	171908	27.72	ug/L	99
46) 1,1,2-Trichloroethane	10.786	97	101331	26.86	ug/L	96
47) Tetrachloroethene	10.866	164	119199	25.79	ug/L	96
49) 2-Hexanone	10.969	43	110350	57.77	ug/L	96
50) Dibromochloromethane	11.128	129	123861	27.40	ug/L	99
51) 1,2-Dibromoethane	11.237	107	102690	27.28	ug/L	99
52) Chlorobenzene	11.658	112	359673	25.75	ug/L	95
53) Ethylbenzene	11.731	91	637067	26.44	ug/L	98
54) m,p-Xylene	11.841	106	245283	26.70	ug/L	100
55) o-xylene	12.164	106	229925	26.38	ug/L	99
56) Styrene	12.176	104	402242	27.14	ug/L	99
57) Isopropylbenzene	12.463	105	645790	26.61	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.713	83	122423	27.43	ug/L	99
59) 1,2,3-Trichloropropane	12.768	75	91424	27.03	ug/L	100
62) Bromoform	12.347	173	75630	27.59	ug/L	98
63) 1,3-Dichlorobenzene	13.499	146	297900	26.28	ug/L	95
64) 1,4-Dichlorobenzene	13.579	146	295787	25.94	ug/L	96
65) 1,2-Dichlorobenzene	13.871	146	266292	26.05	ug/L	94
66) 1,2-Dibromo-3-chloropr...	14.481	75	22043	28.47	ug/L	95
67) 1,3,5-Trichlorobenzene	14.627	180	227472	26.12	ug/L	97
68) 1,2,4-trichlorobenzene	15.127	180	193885	26.70	ug/L	95
69) Naphthalene	15.365	128	403548	28.57	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	173332	26.78	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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